Amendments to the Specification

Kindly amend paragraph 14 as follows:

A disadvantage with Generalized Bulk Insertion is that the bounding box for an inserted cluster can heavily overlap the bounding boxes of sibling nodes. In the example illustrated in FIGS. 3 and 4, the bounding box 307 for the cluster inserted in node 203 overlaps with the bounding boxes 121 and 123 of sibling nodes 207 and 209, respectively. This overlap degrades subsequent retrieval performance because multiple nodes (e.g. node 401 with bounding box ~~301~~ 307 and node 207 with bounding box 121 for point ~~101~~ 133) are required to be searched at various levels of the R-Tree 400. If a query is performed for the object that enclosed point 133, the bounding boxes 121 and ~~301~~ 307 both must be searched because they both overlap point 133.

Kindly amend paragraph 26 as follows:

FIG. 4 shows ~~an R-Tree index corresponding to the result shown in FIG. 3~~ a R-Tree corresponding the result of inserting data in bulk when using prior art Generalized Bulk Insertion.